

EXHIBIT 1
DESCRIPTION OF ANTENNA

The antenna array consists of two Scala PR-450CU antennas, one oriented at 57° and the other at 128°. The input power is split equally between them. The tabulation and plotted pattern show the actual orientation. Thus the 0° azimuth of the pattern corresponds to 0° True.

Azimuth	Relative Voltage
0	0.126
10	0.132
20	0.165
30	0.272
40	0.570
50	0.895
60	0.967
70	0.712
80	0.392
90	0.269
100	0.419
110	0.748
120	0.978
130	0.869
140	0.534
150	0.252
160	0.160
170	0.131
180	0.125
190	0.124
200	0.116
210	0.094
220	0.089
230	0.093
240	0.095
250	0.095
260	0.097
270	0.100
280	0.097
290	0.094
300	0.095
310	0.092
320	0.088
330	0.096
340	0.117
350	0.124

BWS
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